

App. No. 10/605,186

In the Specifications:

Replace paragraph 48 with the following:

"In Step 3 (230), the system 1 attempts to solve the problem using the constraints as specified by the end user 10. As shown in FIG. 3b, the system 1 may calculate this solution in a number of ways: a) The system could solve for the problem simultaneously using all constraints (222) b) The system may first solve for solutions using subsets of the constraints and keep intermediate results for checking ~~via a via vis a vis~~ remaining constraints. (224) c) The system may "search" for valid solutions using sampling, ~~heuristic~~ heuristic, genetic or other non-deterministic algorithms. (226)."'